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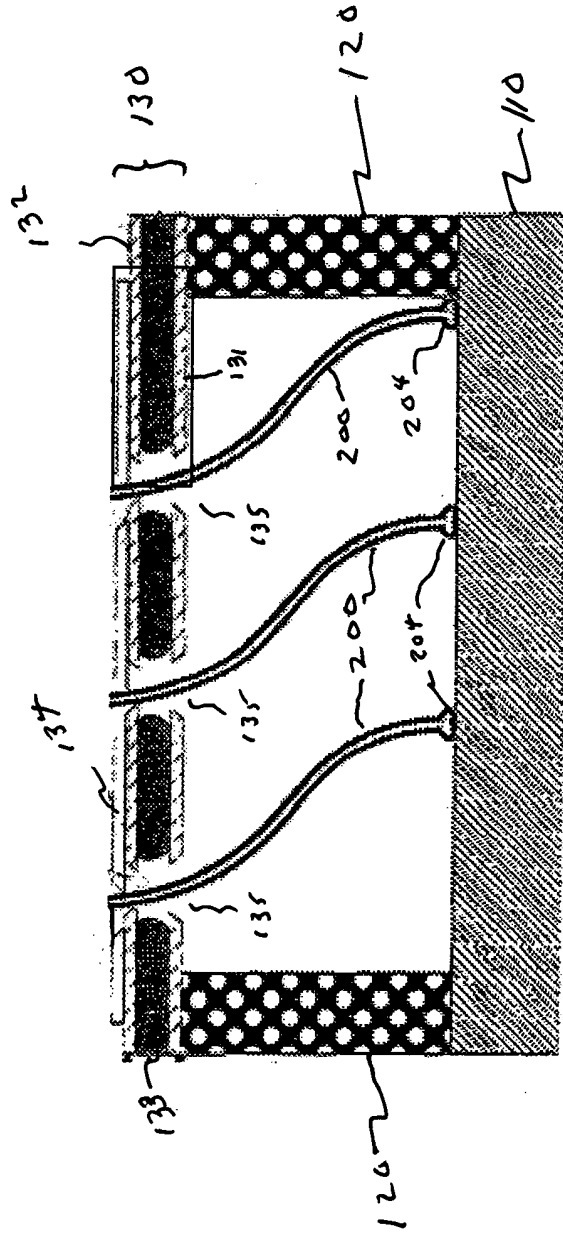


Figure 1 High Stress Area

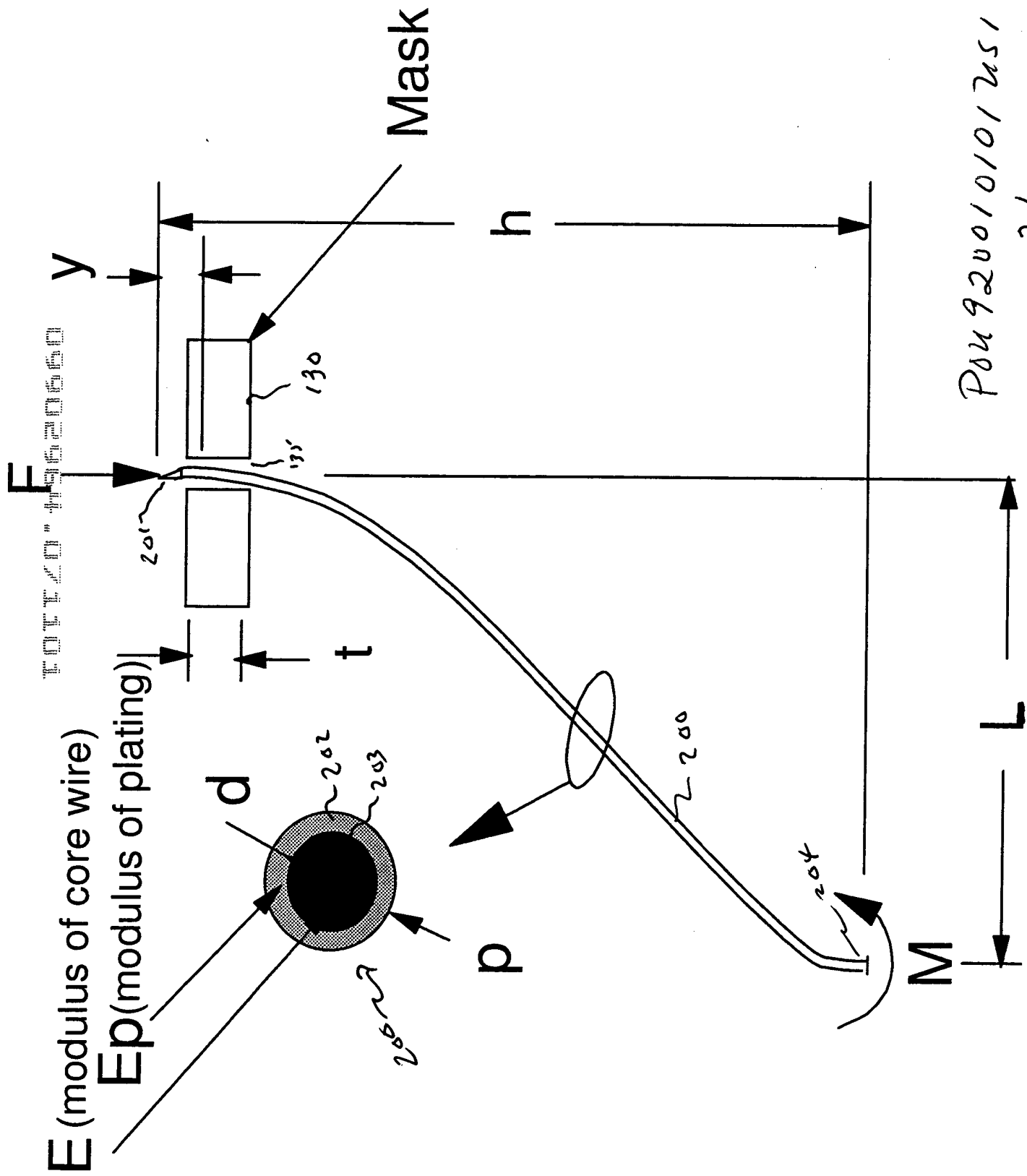
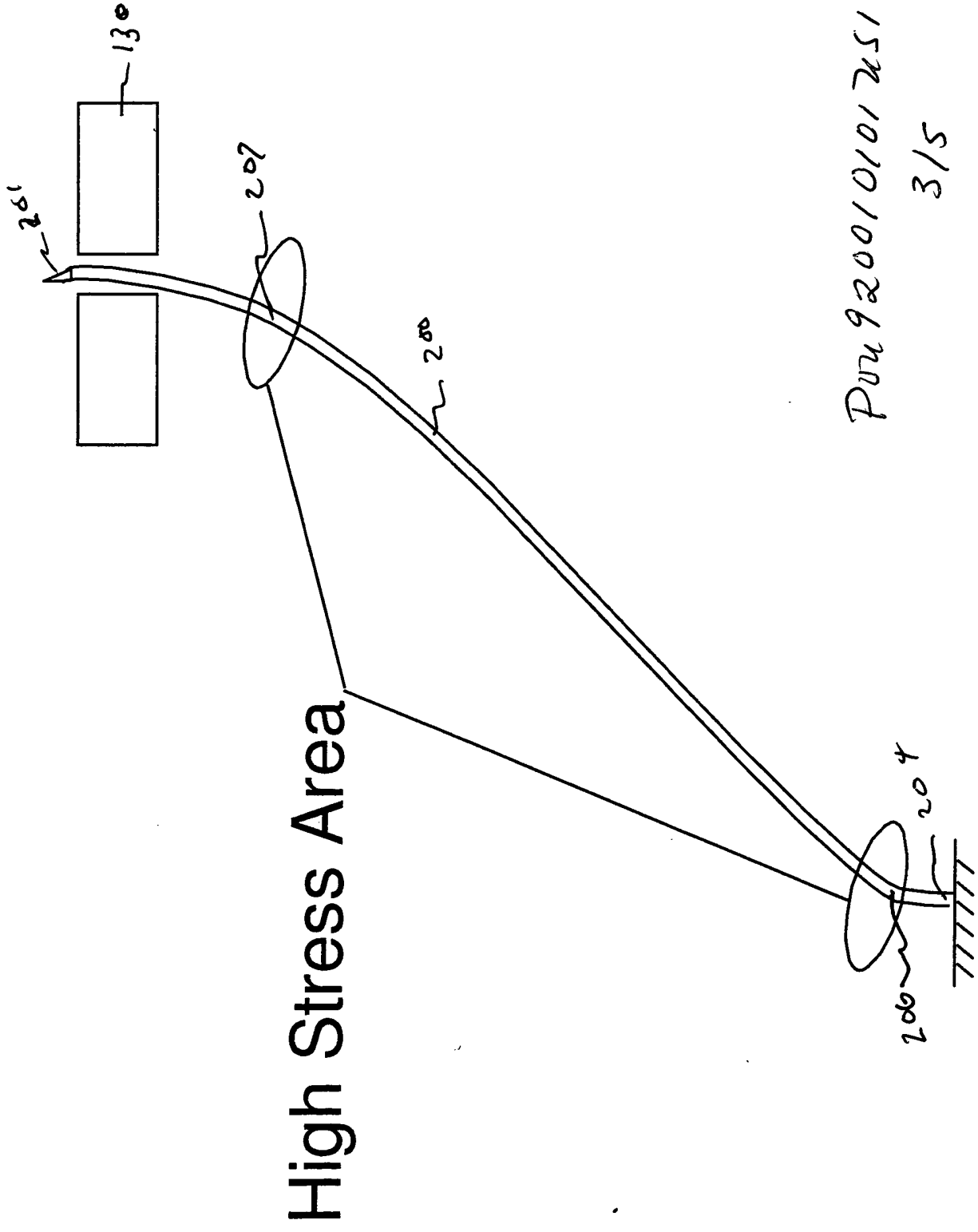


Figure 2 Probe Parameters

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FIG. 3



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Figure 3 High Stress Area

# Optimum Design Region for Water Probe

Plating Thickness - 0.3 mils

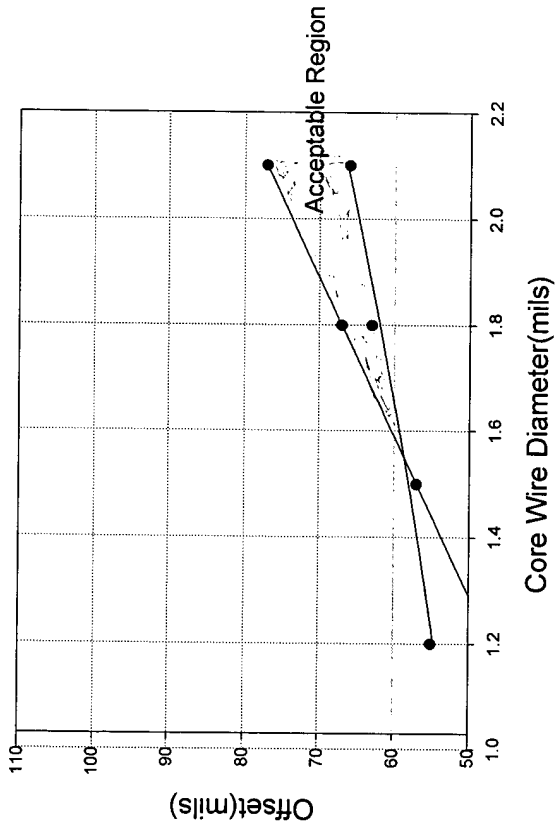


Figure 4A

Plating Thickness - 0.5 mils

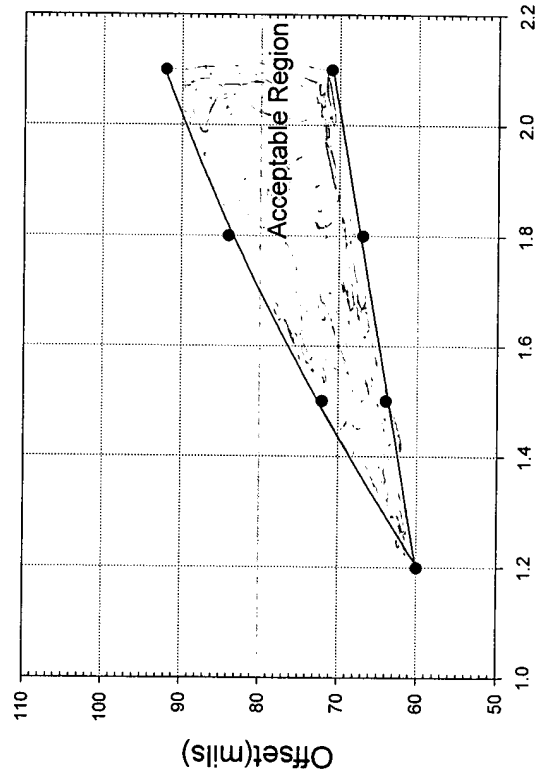


Figure 4C

Core Wire Diameter (mils)

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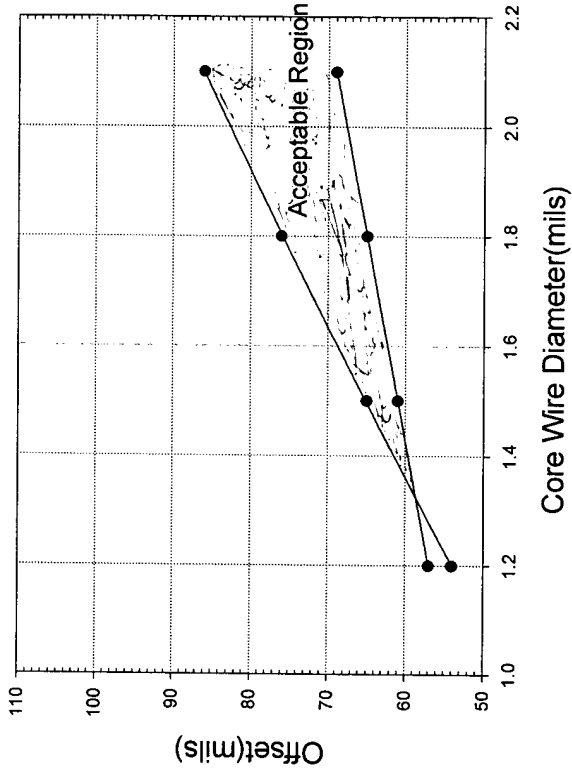


Figure 4B

Plating Thickness - 0.6 mils

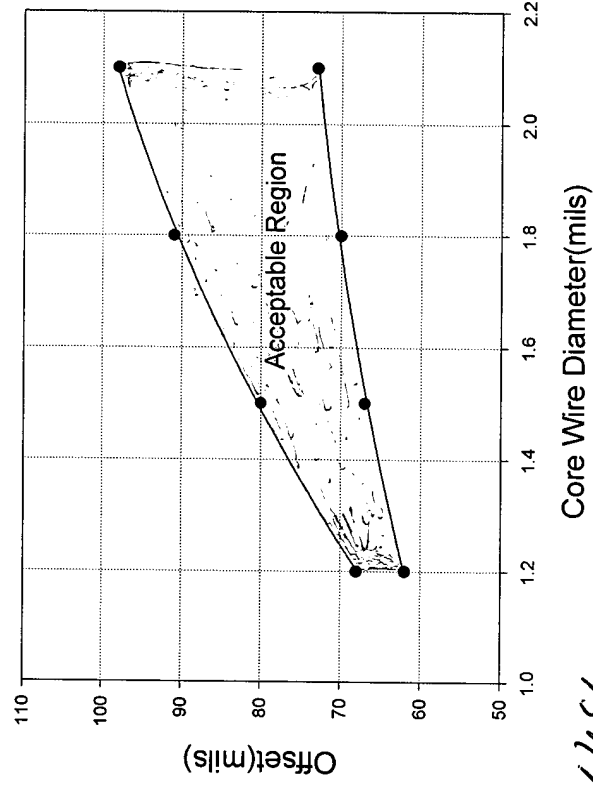


Figure 4D

Core Wire Diameter (mils)

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## Optimized Parameters for Probe Wire

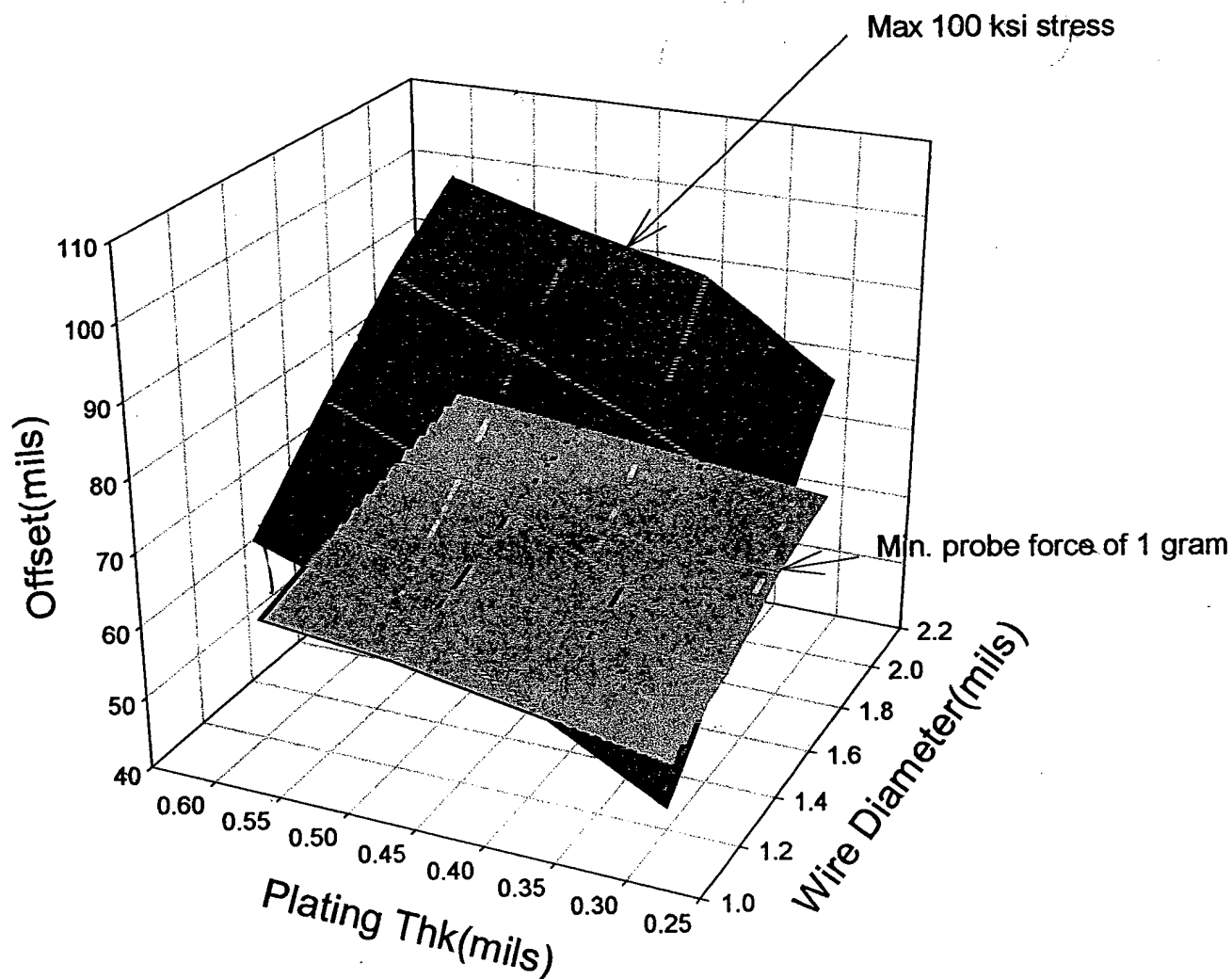


Figure 5